

## Abstract

A dishwasher includes a door, a washing tub closable by the door, and a water softener including an ion exchanger and a salt container. The salt container is disposed in an area of the door and includes a first and a second side wall, a bottom, narrow connecting walls, a water inlet and a brine outlet. Two side walls are disposed in the salt container, the dividing walls extending from the side walls to the bottom, dividing the salt container into a water distribution duct including the water inlet, a salt chamber, and a brine collecting duct including the brine outlet. The dividing walls, each including a respective screen surface in a region adjacent to the bottom, separate the water inlet and a brine outlet from each other. The screen surfaces are arranged in a v-shape relative to each other.